

Converting Colors

Hex(0F6AE8)

Have a look what the booklet for
Hex(0F6AE8) contains.

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Color

Hex(0F6AE8)

Conversions

Conversions Part 1

Format	Color
Hex	0F6AE8
RGB	15, 106, 232
RGB Percent	6%, 42%, 91%
CMY	0.9412, 0.5843, 0.0902
CMYK	0.94, 0.54, 0.00, 0.09
HSL	215°, 88%, 48%
HSV	215°, 94%, 91%
XYZ	19.9165, 16.2358, 78.4280
YIQ	93.1550, -94.6820, 19.8940

Conversions

Conversions Part 2

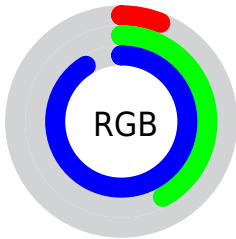
Format	Color
RYB	15, 79, 232
Decimal	1010408
CIELab	47.28, 24.21, -70.17
CIElCh	47, 74.233, 289.036
Yxy	16.2358, 0.1738, 0.1417
Android (android.graphics.Color)	4279200488 (0xFF0F6AE8)
YUV	93.1550, 68.4506, -68.5419
Hunter-Lab	40.2937, 17.7157, -87.1970

Details

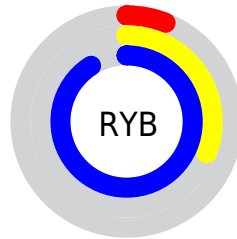
The Hex color **0F6AE8** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E88D0F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6E9DFF**, and **003CAF** is the 20% darker color. If you saturate the color by 10%, you get **0061E8**, and if you desaturate by 10%, it is **2677E8**.

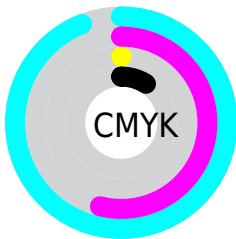
Distribution



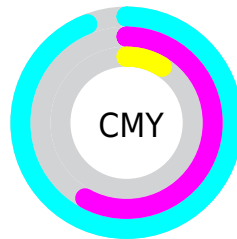
- Red (6%)
- Green (42%)
- Blue (91%)



- Red (6%)
- Yellow (31%)
- Blue (91%)



- Cyan (94%)
- Magenta (54%)
- Yellow (0%)
- Black (9%)



- Cyan (94%)
- Magenta (58%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F6AE8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0F6AE8 by changing the saturation by 10% instead.

 0F6AE8

 0F6AE8

FFFFFF

 0052CB

 6E9DFF

 003CAF

 8FB7FF

 002894

 AED3FF

 001779

 CEEFFF

 000560

 EDFFFF

 000847

 00042F

 00011A

 000000

■ 0F6AE8

■ 0F6AE8

■ 0061E8

■ 2677E8

■ 3D85E8

■ 5592E8

■ 6CA0E8

■ 83ADE8

■ 9ABBE8

■ B1C8E8

■ C9D6E8

■ E0E3E8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



007FEC



0F6AE8



A248C3

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0F6AE8



C54608



008956

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0F6AE8



E88D0F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00840A



0F6AE8



9B6500

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0F6AE8



DA1B4C



637900



008B97

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0F6AE8



C62B9E



637900



008840

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0F6AE8



B8D6FF



0FE88A



546680



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0F6AE8



006BFF



1D0FE8



676C73



004BB3



001533

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E80F6A



FF006B



DAE80F



73676C



B3004B



330015

Previews

White Background



This preview shows how the Hex color 0F6AE8 looks on a white background.

Color Contrast Check

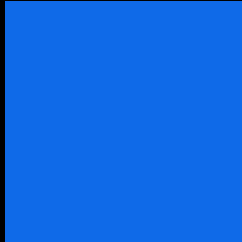
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0F6AE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

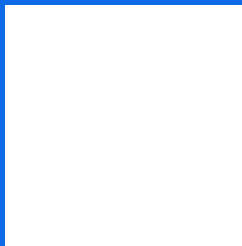
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0F6AE8 Background



This preview shows how black text looks on a background with the Hex color 0F6AE8.



This preview shows how white text looks on a background with the Hex color 0F6AE8.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
0F6AE8

Protanopia
006BE4

Deuteranopia
0072C5

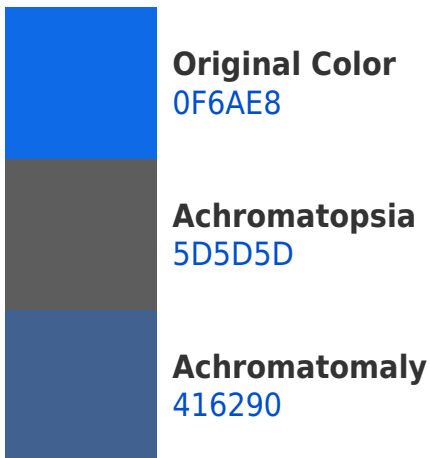


Tritanopia
007C84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0F6AE8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0F6AE8 looks like.

```
.text, #text, p{  
    color:#0F6AE8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0F6AE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F6AE8
}
```

Border

The CSS property to change the border of an element to Hex 0F6AE8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0F6AE8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0F6AE8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0F6AE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F6AE8; -webkit-box-shadow:4px 4px  
4px 4px #0F6AE8; box-shadow:4px 4px 4px  
4px #0F6AE8 }
```

Background

The CSS property to change the background color of an element to Hex 0F6AE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F6AE8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0F6AE8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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